
* INDIANA SINCLAIR-TIMEX USERS GROUP NEWSLETTER *

April-May 1987

Editor-Frank Davis

NEXT MEETING

The next meeting of the Users Group ISTUG, will be at the home of Frank Duncan, at 1402 N. Warman, Indianapolis, near the 500 Racetrack. Give yourself time as this is on the 23RD, just a day before the race. For more detailed directions, give Frank Duncan a call at 317-634-6003.

The June meeting will be held at my house (Frank Davis) at 513 East Main St., Peru, IN 46970. This will be June 26, at 1:30 P. M. Anyone needing directions, please call me late afternoon or evenings at 317-473-8031.

THE 1987 MIDWEST TIMEX-SINCLAIR FEST

By the time you read this the Fest will be part of history and all of those who attended will still have hardware and software they picked up at ridiculously low prices, and have yet to find the time to try out or get used to. I know that has always been the case for me.

We had about 112 people at the Friday night banquet, and all went well, other than my speaking voice was not quite up to par (bad cold or something). The people who went commented favorably on the food and its selection. Paul Holmgren gets to take credit for that. The service by the motel was well above average during the whole 3 day weekend.

Many who attended walked away with a brand new QL for the very low price of \$99. This was a show special and not likely to be repeated. Many of our members picked one up for the first time, and your Editor picked another one as a back-up. I paid more than this for my first ZX81 kit back in 1981.

Another note that emerged during the show, was that Knighted was going back to just being a TS2068 dealer and turning over their QL business to Sharp's Inc. It was due to their return of 70+ Qls to A+ Computer Response during the show that the rest of us benefited from A+ not having room to haul them back in their van. There was of course some negative reaction from some of their QL dealers and I hope they have all ironed out their differences by now. Knighted is well noted for their conversions of Spectrum software to run on the TS2068 and from what I heard from Joe and Jerry during the show we will have some new titles coming out from Knighted in the near future so that is good news for those who have not put a Spectrum emulator on their Ts2068.

I was informed by CTM Magazine, 1704 Sam Drive, Birmingham, AL 35235, (205) 854-0271, that they have taken over TS Horizons and will be finishing out the subscriptions of all who had been awaiting their next issue of TS Horizons. CTM is not a wholly TS specific magazine, but it is a large glossy with about 1/3 to 1/4 of it devoted to TS computers. If we can get behind Chet Lambert the Editor and get some more of our TS companies to advertise with him, then he will increase TS coverage. This is something we all really need to do. Ask the dealers you do business with to advertise with Chet and we just may all win from this change.

Stringy Floppy Program Loader

The following program is an adaptation of a program loading program that I had seen used with an Oliger Disk system. This version is written to be used with the A & J Microdrive for the TS1000 family. Type the program in as listed, then save it as the program on a microwafer. The first line REM statement is there just in case you run into that occasional FILE TO LONG report from the drive during a change for updating the file names. If the error report comes up, just delete an 'X'.

The main menu has several print statements. This is where you place the names of the files on the tape. The name of the loader program is the first name, and in this version it cannot be selected for loading. The Choose A File section allows the cursor to be positioned using the up and down arrows. Once the cursor is pointing to the desired program, the Enter key may be pressed to choose the program.

Finally, the Get A File section of code pokes the proper value and calls the proper USR routine to find, load and auto run the program chosen. Remember, the order of the program names must be in the same order as the files on the Microwafer.

Good Luck, Mike Felerski

```
5 REM XXXXXXXXXXXXXXXXXXXX
10 REM A + J FILE LOADER
15 REM BY MIKE FELERSKI
100 REM MAIN MENU
120 CLS
122 PRINT AT 0,0; " STRINGY FLOPPY LOADER PGM "
123 PRINT AT 2,3; "SFLOADER"
125 PRINT AT 3,3; "-----"
130 PRINT AT 4,3; "-----"
135 PRINT AT 5,3; "-----"
140 PRINT AT 6,3; "-----"
145 PRINT AT 7,3; "-----"
150 PRINT AT 8,3; "-----"
155 LET A = 3
160 GOSUB 500
170 GOTO 120
500 REM CHOOSE A FILE
505 PRINT AT A, 0; " = > "
510 LET Q$ = INKEY$
515 IF Q$ = "6" THEN GOSUB 600
520 IF Q$ = "7" THEN GOSUB 650
525 IF Q$ = CHR$(118) THEN GOTO 1200
530 GOTO 505
600 PRINT AT A,0; " "
601 IF A = 8 THEN GOTO 610
605 LET A = A + 1
610 RETURN
650 PRINT AT A,0; " "
651 IF A = 3 THEN GOTO 660
655 LET A = A - 1
660 RETURN
1200 REM GET FILE OR ADD NEW
1210 POKE 16451,1
1220 POKE 16390,A
1225 RAND USR 12291
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ISTUG LIBRARY FOR MEMBERS BY WILLIE JONES
TS1000 BOOKS and TAPES

ENTERTAINMENT-
1000 & 1500 TAPES

Backgammon 16K
Bat Cage 2K
Bigflap Attack 16K
Chess 16K
Challenger 1 2K
Cube Game 16K
Fortress of Zorlac 16K
Frogger 16K
Mixed Game Bag 1 16K
" " " " " 2 2K
" " " " " 3 2K
Gambler 16K
Grimm's Fairy Trails 16K
Pinball 16K
Ram Runner 16K
Stock Market Game 16K
Strategy Football 16K
Supermaze
Tarot 16K
Trap 16K
Trident 16K

EDUCATION-
1000 & 1500 TAPES

Algebra 1 2K
" " " 2 2K
Ator the ABC Gator 16K
Capitalization Master 16K
Conversational Spanish 16K
" " " " German 16K
" " " " French 16K
Computer Coach 16K
Doobarry Domino 16K
E.E. 1 - Filter Design 16K
Fundamentals of Math 16K
Flight Simulator
Guitar for Beginners 16K
Geometry I 2K
Introduction to Chemistry 16K
Language Usage 16K
Music Educator I 16K
Presidents 16K
Power Pach 1 2K
Superdoodles 16K
Spelling Bee 16K
States & Capitals 16K
Super Math 16K
Teacher's Gradebook 16K
Total Triangles 16K
Word Quest 16K

HOUSEHOLD-
1000 & 1500 TAPES

Automobile Analyzer 16K
Budgeter 16K
Checkbook Manager 16K
Coupon Manager 16K
Carpooler 16K
College Cost Analyzer 16K
Electric Cost Analyzer 16K
Home Improvement Planner 16K
Home Asset Manager 16K
Heating System Analyzer 16K
IRA Planner 16K
Keyboard Calculator 16K
Load/Mortgage Amortizer 16K
Organizer 16K
Portfolio Analysis 16K
Personal Finance Planner
Real Estate Investment 16K
Stock Option Analyzer 16K
Stamp Collection 16K
Solar Water Heater Designer 16K

BUSINESS-
1000 & 1500 TAPES

Critical Path Analysis 16K
Inventory Control 16K
List Manager 16K
Manufacturing Control 16K
Money Analyzer 1 2K
" " " " 2 2K
Statistics 2K
Stock Market Tech. 16K
Vu-Calc 16K

MISCELLANEOUS-
1000 & 1500 TAPES

What Can I Do With My Timex
Sinclair 1000 ? Lots
5 - 2K Time Works Programs
Westridge Communications Prog.

1000 ZX81 ZX80 BOOKS-

ZX81 Companion
ZX81 Basic Book
ZX81 Getting Acquainted
ZX80 & ZX81 Gateway Guide
ZX81 1000 Directory
1000 21 Simple Games 2K
Computer Companion
1000 Ideal Book 50 Programs

cont.....

TS 2068 TAPES (C) and CARTRIDGES (TCC)

Auto Analyzer (C)
Androids (C & TCC)
Blind Alley (C)
Budgeteer (TCC)
Crazybugs (C)
Checkbook Manager (C)
Drag Master (C)
Horace Goes Skiing (C)
Hungry Horace (C)
Horace & The Spiders (C)
Penetrator (C)
Spelling II (C)
The Killing (C Spectrum)

Willie Jones has been our ISTUG librarian the last year and I think we all owe him a thanks for handling this job. He also has copies of many other User Group newsletters from around the country.

ISTUG WANT ADS, FREE TO SUBSCRIBERS AND MEMBERS

(1) I have several cases of Timex Sinclair 1016 16K RAM modules for sale. I am selling the modules as follows:

1 module	\$7.50
2- 11 modules	\$6.00 each
12 or more modules	\$4.50 each

These prices include shipping and handling. Call (803) 366-5095 after 6:00 P.M. EST on weekdays or anytime on weekends. Or write to Ralph Rognstad Jr., 2606 Celanese Road, Rock Hill, South Carolina 29730.

(2) I have a Timex 2068 Color Computer for sale real cheap. If interested please call or write me at (317) 842-6353. Jerry Brinson, 10136 E. 96th, Indianapolis, IN 46256.

ROTRONICS AND WAFADRIVES

A note from Dave Lebowitz of Illinois on the subject of the Rotronics Wafadrive is that although Rotronics is out of business, the assets of the company were taken over by Capri Marketing, 24A White Pit La, Flockwell Heath, High Combe, Bucks HP10 9 HR, Great Britain. They say they sell and service units and have reduced selling price for stock on hand. They also offer wafers (Entrepo) for sale. It just might be worth writing to them. If you are like me, even though I have a disc drive interface, and an A & J Microdrive, the Wafadrive is still my favorite.

ISTUG MEMBERSHIP AND NEWSLETTER SWAP, part 2

Two corrections to the last issue:

Joan Kealy
3334 Zion, B-11
El Paso, TX 79904

T/SUG of Fort Worth Texas
4424 Geddes Ave.
Fort Worth, TX 76107

One new addition to the group:

MSG & Mrs. James O. Havens
920-B Aultman Ave.
Ft. Benjamin Harrison, IN 46216

THE 2068 PANTOGRAPH

This program will increase the screen display size of any message (including graphics) by a selected factor from 1 to 20. Of course, the length of the message that can be accommodated varies inversely with the degree of magnification--after all, the display has to be small enough to fit on the screen after magnification.

You can use non-integer ratios, such as 1.7 or 15.3, although the print-out may then have vertical white spaces in it, as shown in the enclosed examples. Fractional ratios (smaller than one) don't work. A ratio of 1 doesn't work too well--but then, when would you want it?

HOW IT WORKS

The principle behind the program is very simple--so is the program. The message is first PRINTED at the bottom of the screen, and the program samples the POINT values in the message area, executing at the top of the screen the PLOT and DRAW commands necessary to create the enlarged image. The top of the screen is used for the output display, so that you won't waste paper when you COPY the enlargement.

```

20 10 CLS : BEEP .3,12: BEEP 1,12
    20 LET t$=""
    30 LET l1=0
    40 INPUT "What magnification?";m
    50 PRINT "At magnification of";m
    60 PRINT "you are allowed ";I
    NT (32/m)
    70 PRINT "characters per line;
    "
    80 PRINT "and ";INT (21/(m+1))
    ;" lines"
    90 LET l=INT (21/(m+1))
    100 PRINT
    110 FOR f=1 TO INT (21/(m+1))
    120 INPUT " INPUT text, line by
    line ";a$
    130 PRINT a$
    140 LET la=LEN a$: IF la>l1 THE
    N LET l1=la
    150 LET t$=(t$+a$+"
    ") ( TO 32*f)

    160 NEXT f
    170 PRINT t$
    180 CLS : PRINT AT 22-l,0;t$
    190 FOR h=0 TO 8*l1
    200 FOR v=8*l TO 0 STEP -1
    209
    210 IF NOT POINT (h,v) THEN GO
    TO 260
    220 FOR n=1 TO m
    230 PLOT m*h+n,175-m*(8*l-1-v)
    240 DRAW 0,-m
    250 NEXT n
    260 NEXT v
    270 NEXT h
    300 BEEP .3,12: BEEP 1,12
    8999 STOP
    9100 DEM SAVE
    9110 SAVE "panto" LINE 1
    9120 BEEP .3,12: BEEP 1,12
    9130 CLS : PRINT ""Play tape ag
    ain to VERIFY"
    9160 VERIFY "panto"
    9180 PRINT AT 10,10; FLASH 1;" V
    ERIFY OK"
    9190 BEEP .3,12: BEEP 1,12

```

1.0	3.5
1.7	4.0
2.0	4.5
2.3	5.0
2.7	5.5
3.0	6.0
	7.0

8.015

1026

**WOAI
1200**

WOAI RADIO
6222 N.W. INTERSTATE TEN
SAN ANTONIO, TEXAS 78201
512/734-7301

Unfortunately, I am not able to attend the Sinclair Fair, but I hope you can help me with some general information or contacts for the WOAI Computer Line (A weekly computer show that has been broadcast for the past six years.)

I am especially interested in the latest or final developments for the TS/1000. As you are probably aware, long after the computer was retired in the US, the European market continued with some fairly advanced programs for the little machine. I am trying to put together a report on the most far reaching efforts to work with the TS 1000. I am particularly curious about word processing, hi res games, and other stretches of the TS1000's usefulness. Any example of programs (preferably on tape) would be appreciated. I will be happy to include the name or your company or users group in the broadcast report for those seeking more information.

I did run across something that was news to me, and certainly should be a part of any Sinclair collection! Showing up on the surplus market in San Antonio is a Hong Kong made computer that uses a slightly modified version of the TS/1000 operating system! The 1K machine will load Sinclair Basic programs such as loan amortization, etc., but will not work with machine language or graphic intensive programs.

The computer ("IQ 3800") has a Spectrum like keyboard, output for monitor or tv, the standard Sinclair expansion slot for 16K RAM pack, plus a joystick port, sound, music and automatic line numbering as well as a RESET button that does not erase the memory! It does not have the one stroke entry, ie, you must type out LOAD, GOTO, etc. Also, there are a few symbols that are not it the same character string as the Sinclair. For example, there is no ":". In one program, a small space invader type critter appears where the ":" should be!

The machine sells for \$25.00 locally without the power supply. It requires 9V and 1 Amp, just like the Sinclair, but with a different plug. (When you use it unexpanded at 1K, a regular 9V adapter can be used.) The instruction manual is in Chinese, with Basic programs in English!

Thank you for any help you can give!

John Stewart
Radio Promotion

**WOAI
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